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PTC/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031  
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Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	10/783,312
(use as many sheets as necessary)				Filing Date	February 19, 2004
Sheet	1	of	2	First Named Inventor	William Reade Kem
				Group Art Unit	1755
				Examiner Name	Not yet assigned
				Attorney Docket Number	UF-360XC1

<b>U.S. PATENT DOCUMENTS</b>						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
ADG	U1	5,977,144		Meyer et al.	11-02-1999	7
	U2					
	U3					
	U4					
	U5					
	U6					
	U7					
	U8					
	U9					
	U10					
	U11					
	U12					
	U13					
	U14					

<b>FOREIGN PATENT DOCUMENTS</b>						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office <sup>3</sup>	Number <sup>4</sup>			
	F1					
	F2					
	F3					
	F4					
	F5					
	F6					
	F7					
	F8					

Examiner Signature	<i>Anthony Green</i>	Date Considered	2/15/05
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO  
**INFORMATION DISCLOSURE  
 STATEMENT BY APPLICANT**  
 (use as many sheets as necessary)

Sheet

2

of

2

**Complete if Known**

Application Number	10/783,312
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Group Art Unit	1755
Examiner Name	Not yet assigned

Attorney Docket Number

UF-360XC1

**OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
AXJ	R1	KEM W. R. and SOTI F., "Amphiporous alkaloid multiplicity implies functional diversity: initial studies on crustacean pyridyl receptors" <i>Hydrobiologia</i> (2001), vol. 456, pages 221-231. (no month)	
AXJ	R2	KEM W., ABBOTT B., COATES R., "Isolation and structure of a hoplonemertine toxin" <i>Toxicon</i> (1971), vol. 9, pages 15-22. (no month)	
AK6	R3	KEM W., "A study of the occurrence of anabaseine in Paranemertes and other nemertines" <i>Toxicon</i> (1971), vol. 9, pages 23-32. (no month)	
AK6	R4	KEM W., SCOTT K., DUNCAN J., "Hoplonemertine worms -- a new source of pyridine neurotoxins" <i>Experientia</i> (1976), vol. 32, pages 684-686. (no month)	
AK6	R5	ZOLTEWICZ, J. A., BLOOM, L. B., KEM, W. R., "N-Methylated 2,3'-Bipyridinium Ion. First Synthesis of the More Sterically Hindered Isomer" <i>J. Org. Chem.</i> (1992), vol. 57, pages 2392-2395. (no month)	
	R6		
	R7		
	R8		
	R9		
	R10		
	R11		
	R12		

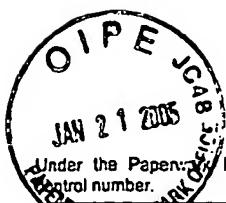
Examiner Signature	<i>Anthony J. Green</i>	Date Considered	2/15/05
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INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1

of

1

## Complete if Known

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First Named Inventor	William Reade Kem
Group Art Unit	1755
Examiner Name	Anthony J. Green

Attorney Docket Number

UF-360XC1

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article, (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
AJG	R1	HATT, H. and I. SCHMIEDEL-JAKOB (1984) "Electrophysiological studies of pyridine-sensitive units on the crayfish walking leg" <i>J. Comp. Physiol.</i> 154:855-863. <input checked="" type="checkbox"/>	
AJG	R2	KEM, WILLIAM R. (2002) In: <i>Handbook of Neurotoxicology</i> , E.J. Massaro, Ed. Vol. 1 Humana Press, Totowa, NJ, pp. 161-193. <input checked="" type="checkbox"/>	
AJG	R3	KEM, WILLIAM R. (1988) "Pyridine alkaloid distribution in the hoplonemertines" <i>Hydrobiologia</i> 156:145-151. <input checked="" type="checkbox"/>	
AJG	R4	MATSUSHIMA, SANJI, TOMOKO OHSUMI, SHIRO SUGAWARA (1983) "Composition of Trace Alkaloids in Tobacco Leaf Lamina" <i>Agric. Biol. Chem.</i> 47(3):507-510. <input checked="" type="checkbox"/>	
	R5	SMITH, C.R., C.H. RICHARDSON, H.H. SHEPARD (1930) "Neonicotine and Certain Other Derivatives of the Dipyridyls As Insecticides" <i>J. Econ. Entomol.</i> 23:863-867. <input checked="" type="checkbox"/>	
AJG	R6	STRAUSFELD, NICHOLAS J. and JOHN G. HILDEBRAND (1999) "Olfactory systems: common design, uncommon origins?" <i>Curr. Rev. Neurobiol.</i> 9:634-639. <input checked="" type="checkbox"/>	
AJG	R7	WARFIELD, A.H., W.D. GALLOWAY, A.G. KALLIANOS (1972) "Some New Alkaloids from Burley Tobacco" <i>Phytochemistry</i> 11:3371-3375. <input checked="" type="checkbox"/>	
AJG	R8	ZOLTEWICZ, JOHN A., LINDA B. BLOOM, WILLIAM R. KEM (1990) "Hydrolysis of Cholinergic Anabaseine and N-Methylanabaseine: Influence of Cosolvents on the Position of the Ring-Chain Equilibrium-Compensatory Changes" <i>J. Bioorg. Chem.</i> 18:395-412. <input checked="" type="checkbox"/>	
AJG	R9	ZOLTEWICZ, JOHN A., LINDA B. BLOOM, WILLIAM R. KEM (1989) "Quantitative Determination of the Ring-Chain Hydrolysis Equilibrium Constant for Anabasline and Related Tobacco Alkaloids" <i>J. Org. Chem.</i> 54:4462-4468. <input checked="" type="checkbox"/>	
	R10		
	R11		

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\* Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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